

Amendments to the Specification:

Please replace paragraph [0009] (which is paragraph [0011] of the published application) as follows:

[0011] By the way, in the conventional Rogowski coil mentioned above, the condition (b), that is, the condition of making an area which the winding 2 surrounds and an area which the return circuit line 3 surrounds equal, cannot be fulfilled completely. This makes it easier for the Rogowski coil to be influenced by an external magnetic field, and this gives rise to an error at the time of current measurement increases.

Please replace paragraph [0017] (which is paragraph [0019] of the published application) as follows:

[0017] Accordingly, it is an object of embodiments of this invention to solve problems of the above-mentioned conventional technology, and to provide a current transformer or a current transformer system including a Rogowski coil that prevents the influence of an exterior magnetic field to current measurement, even if an exterior magnetic field exists and penetrates an opening at a center portion of a core, and thus, enables [[to]] current measurement with high accuracy. Other and further objects of this invention will become apparent upon an understanding of the illustrative embodiments to be described herein or will be indicated in the appended claims while various advantages not referred to herein will be appeared to one skilled in the art upon employment of the invention in practice.